



Site Name:	Bents	Site No.:	8.017
Location:	Newbiggin-on-Lune	Area:	YDNP
Grid Ref.:	NY 70692 06596	BGS Map:	30
Easting:	370545	Northing:	506657

Access Description: The site is mainly on Access Land near Bents Farm, about a 1km easy walk along a public bridleway (also Coast-to-Coast route) from the minor road north of Newbiggin. A bridleway also runs the length of the site, giving good access.

Mobility Access: No

Exposure Type: Open fell **Rating:** 4 **Star**

Leaflet: https://www.cbdc.org.uk/CumbriaLGS/Leaflets/8_017.pdf

Site Summary:
At this accessible moorland site there are unusual knolls eroded from a resistant bench of reddish Ashfell Sandstone Formation. The exposures display good cross-bedding and have been modified by past quarrying.

Site Description:
This site on the moorland edge near Bents Farm contains a stretch of exposures of Ashfell Sandstone Formation, part of the Great Scar Limestone Group. Here, a resistant layer of reddish, cross-bedded sandstone forms a bench which has been weathered and eroded into distinctive knolls and rounded shapes. The Ashfell Sandstone Formation is interpreted as the deposits of a river-delta system that spread into the shallow carbonate seas that covered this area during the early Carboniferous. Thick sandstone layers, like the one at Bents, may represent sands deposited in large river channels or as offshore sand bars. The reddish colour is due to the presence of iron oxide and suggests deposition near an arid shoreline. Past quarrying has modified the shape of many of the knolls, creating flattened faces which display tool marks, and carved initials and names dating back to the 19th century.

Reference: Butler, B & Gunner, J.(2017) The Coast-to-Coast Walk: Rocks and Scenery, p125-6

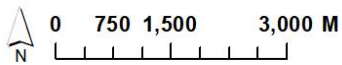
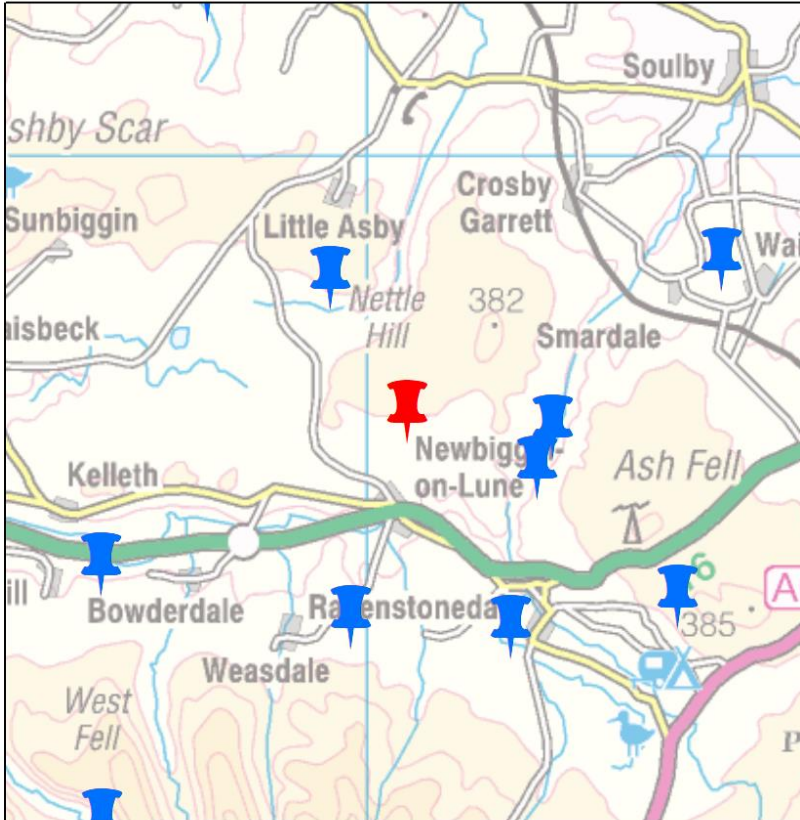


Tor-like knolls of Ashfell Sandstone.

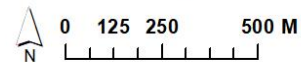
More Photos:
https://www.cbdc.org.uk/CumbriaLGS/Images/8_017_2.jpg
https://www.cbdc.org.uk/CumbriaLGS/Images/8_017_3.jpg
https://www.cbdc.org.uk/CumbriaLGS/Images/8_017_4.jpg
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Easting: 370545
Northing: 506657



Lat: 54.45431
Lng: -2.45436

-  Local Geological Site (LGS)
-  Other LGS nearby

